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ABSTRACT

A closed loop system for monitoring drug dose, intake and effectiveness includes a drug delivery device in data communications with at least one implantable medical device. The system is preferably implemented in a web-enabled environment in which a remote data center communicates with the implantable devices (IMDs) in a patient via a programmer or the pill dispenser. A physician, clinician, or other user may access the remote data center to review and monitor the IMDs or the drug delivery regime remotely. The system further provides a dynamic drug management system, compatible with a web-enabled interactive data communication environment that accurately monitors dose and specific drug effectiveness in a patient to enhance patient care.